

| | |
|-----------|-----------|
| APPROVED | O.G. FIG. |
| BY | CLASS |
| DRAFTSMAN | SUBCLASS |

U.S. Patent

Jun. 9, 1998

Sheet 1 of 12

5,764,622

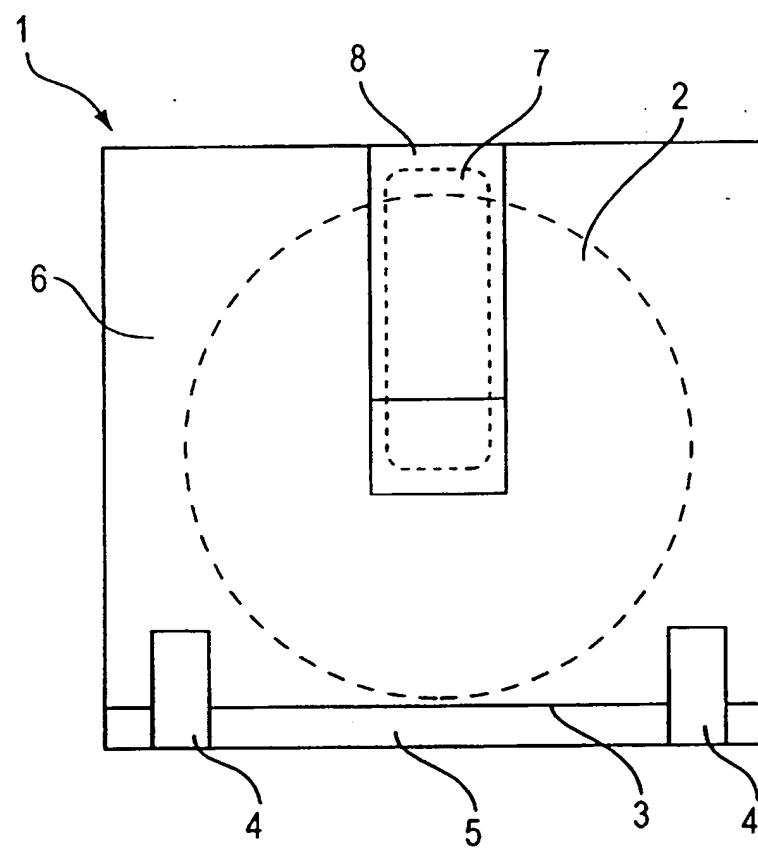


FIG. 1

APPROVED
BY
DRAFTSMAN

O.G. FIG.
CLASS SUBCLASS

U.S. Patent

Jun. 9, 1998

Sheet 2 of 12

5,764,622

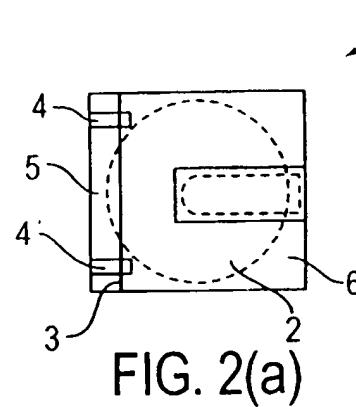


FIG. 2(a)

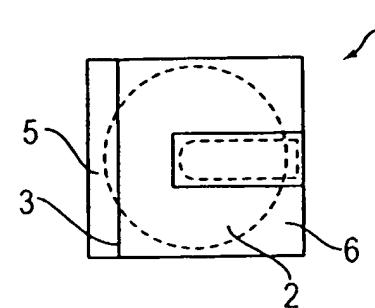


FIG. 2(b)

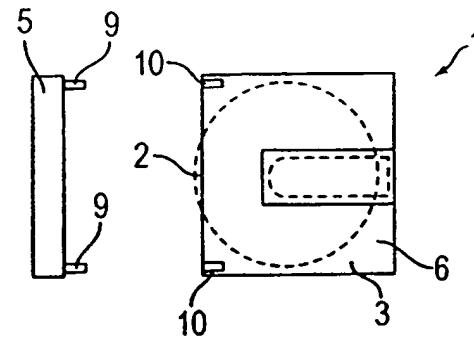


FIG. 2(c)

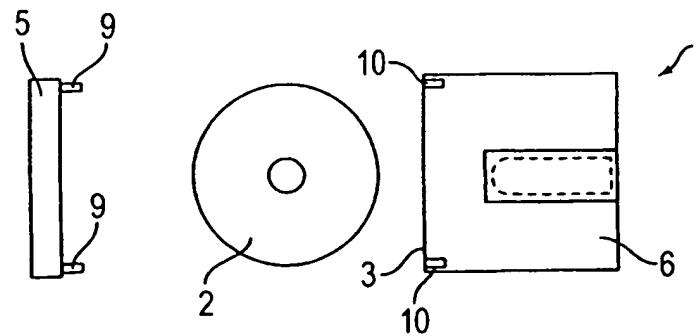


FIG. 2(d)

| | |
|-----------|----------------|
| APPROVED | O.G. FIG. |
| BY | CLASS SUBCLASS |
| DRAFTSMAN | |

U.S. Patent

Jun. 9, 1998

Sheet 3 of 12

5,764,622

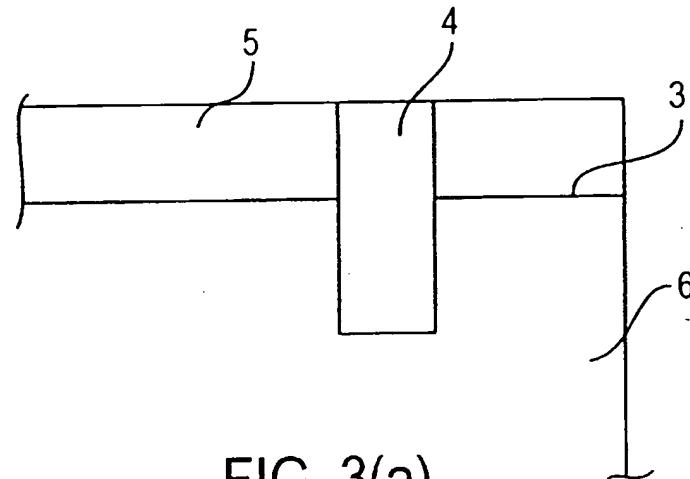


FIG. 3(a)

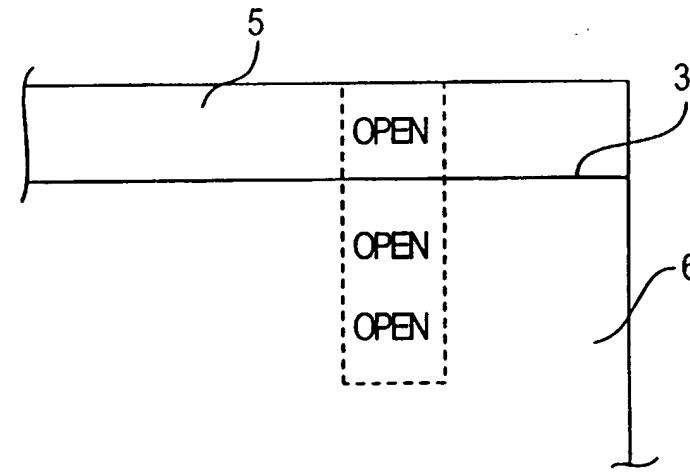


FIG. 3(b)

| | |
|-----------|----------------|
| APPROVED | O.G. FIG. |
| BY | CLASS SUBCLASS |
| DRAFTSMAN | |

U.S. Patent

Jun. 9, 1998

Sheet 4 of 12

5,764,622

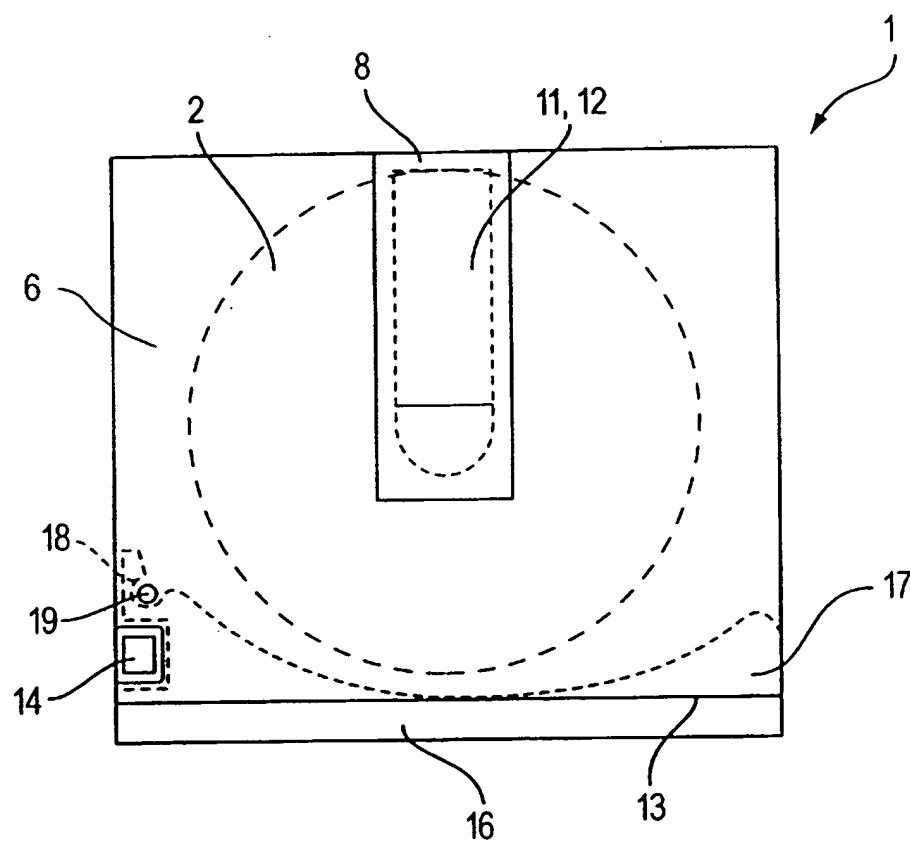


FIG. 4

| | |
|-----------|-----------|
| APPROVED | O.G. FIG. |
| BY | CLASS |
| DRAFTSMAN | SUBCLASS |

U.S. Patent

Jun. 9, 1998

Sheet 5 of 12

5,764,622

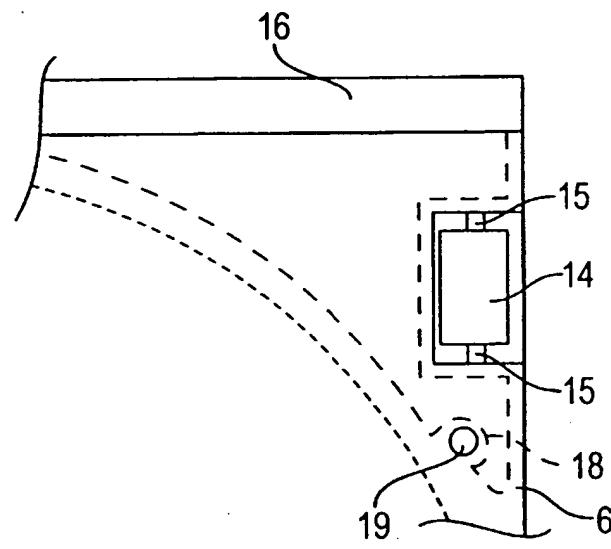


FIG. 5

| | |
|-----------|----------------|
| APPROVED | O.G. FIG. |
| BY | CLASS SUBCLASS |
| DRAFTSMAN | |

U.S. Patent

Jun. 9, 1998

Sheet 6 of 12

5,764,622

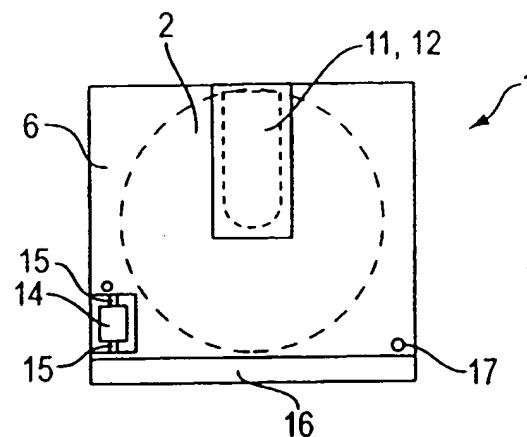


FIG. 6(a)

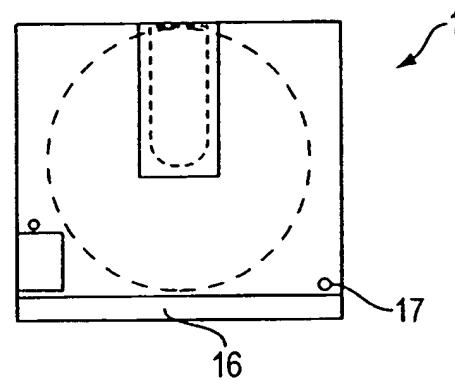


FIG. 6(b)

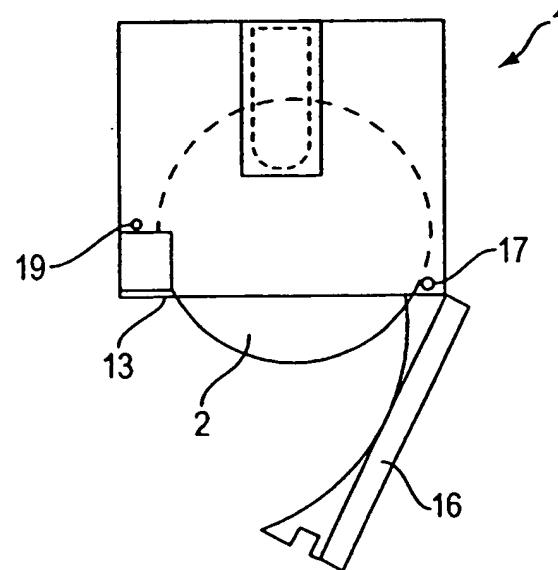


FIG. 6(c)

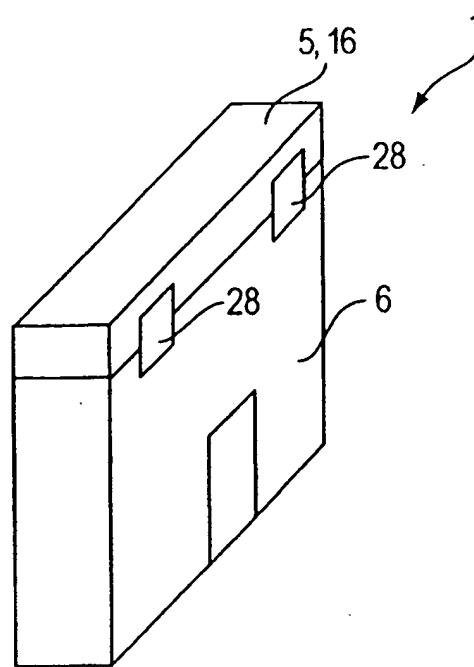


FIG. 7(a)

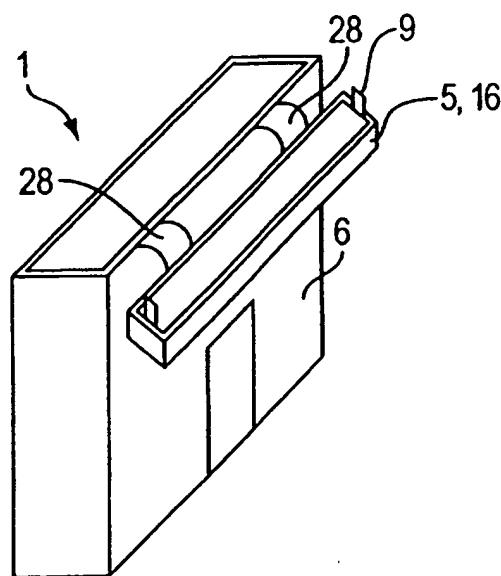


FIG. 7(b)

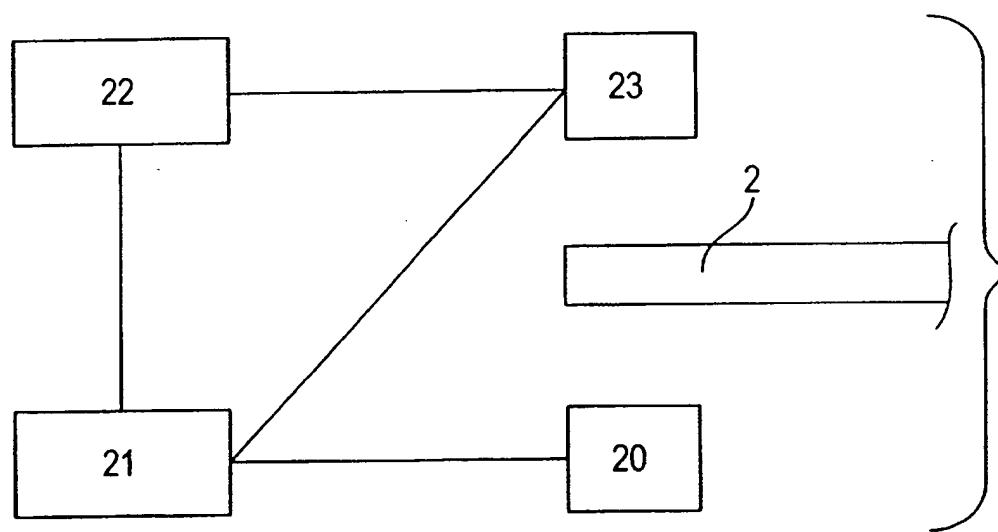


FIG. 8

Jun. 9, 1998

Sheet 9 of 12

5,764,622

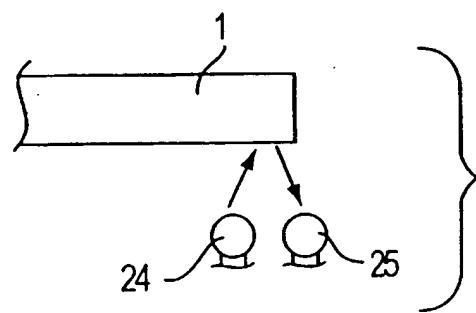


FIG. 9(a)

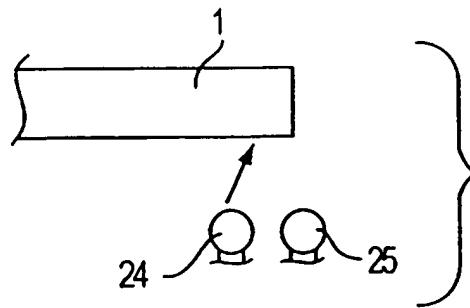
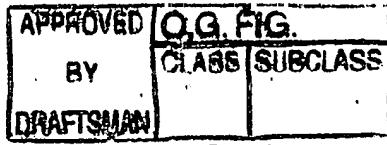


FIG. 9(b)



U.S. Patent

Jun. 9, 1998

Sheet 10 of 12

5,764,622

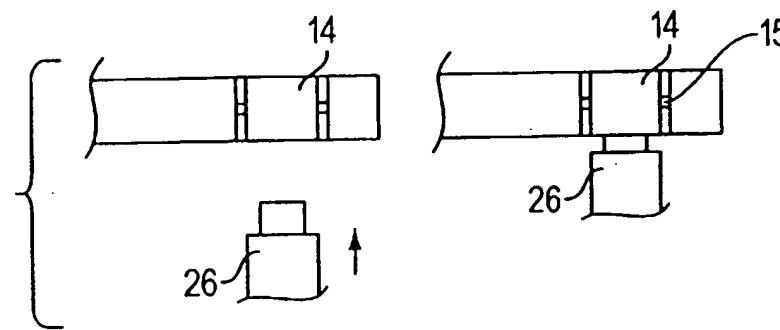


FIG. 10(a)

FIG. 10(b)

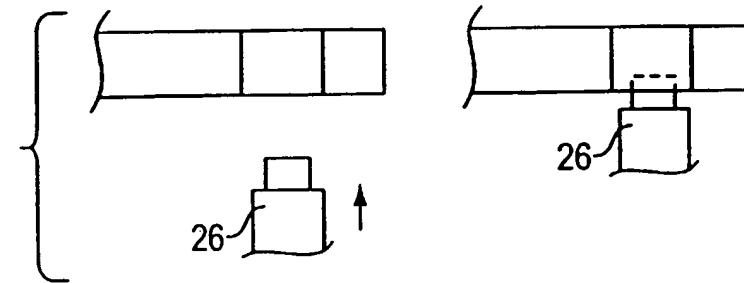


FIG. 10(c)

FIG. 10(d)

Jun. 9, 1998

Sheet 11 of 12

5,764,622

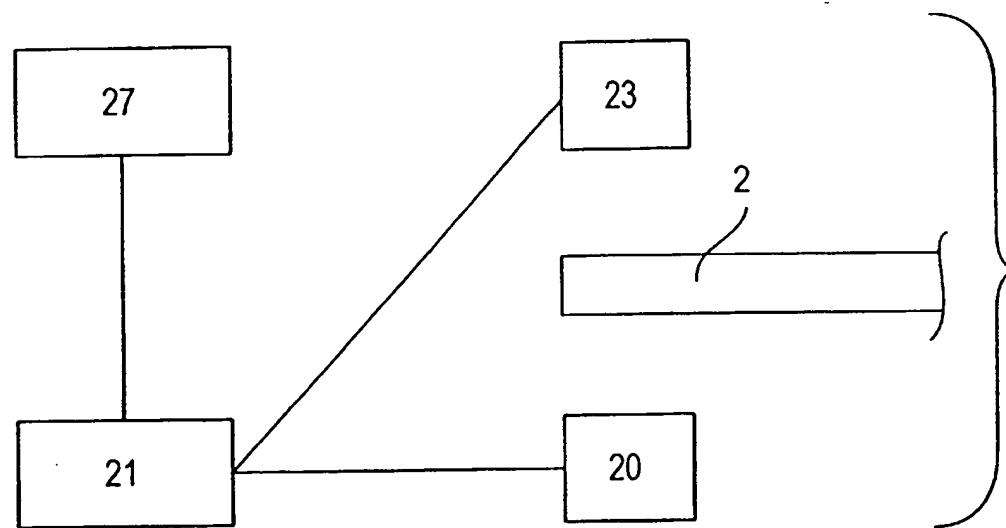


FIG. 11

APPROVED **O.G. FIG.**
BY CLASS SUBCLASS
DRAFTSMAN U.S. Patent

Jun. 9, 1998

Sheet 12 of 12

5,764,622

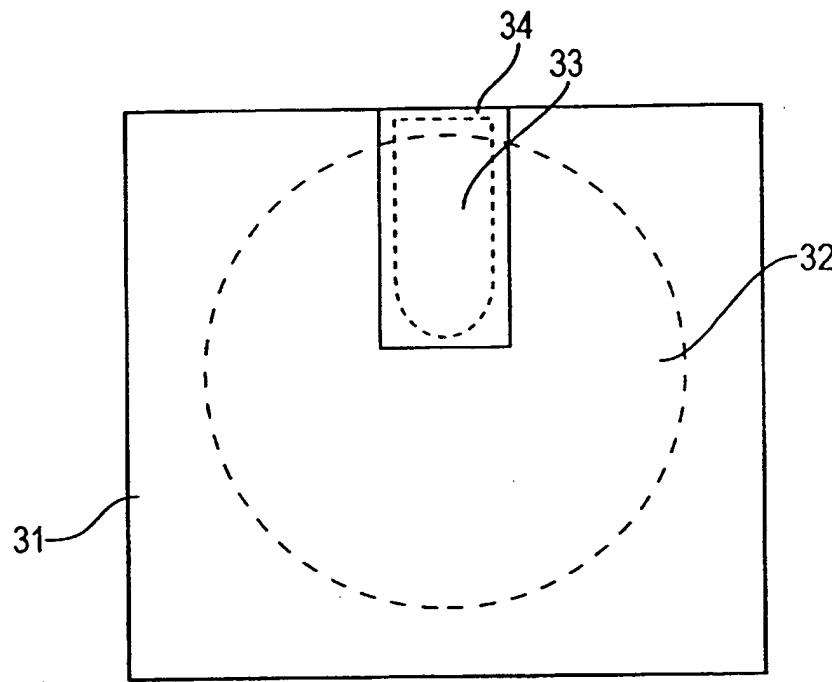


FIG. 12
(PRIOR ART)